



# Prospectus (2024)

**TEHKEEK**  
INTERNATIONAL

Translating Research into Meaningful society

## About Tehkeek International

Tehkeek International was started by the Engineering Doctorates of the National Institute of Technology Srinagar, intended to empower Jammu and Kashmir via scientific and philosophical methods. We believe in a connection between research and its real-world impact on society and have faith that everyone is born a researcher. Tehkeek International believes that the capacity for inquiry, learning, and discovery is inherent in every individual, and it is through action or engagement that one can realize their potential. The purpose of the research is not just to gather knowledge for its own sake, but to contribute to and positively influence the broader community. In essence, Tehkeek International, emphasizes the importance of conducting and translating research of scientific and non-scientific themes into practical applications, solutions, or improvements that have tangible benefits for individuals, communities, or society. We believe that scientifically and mathematically created methodologies for social issues remain the core of absolute development. Our research foundation comprises individuals driven by a passion for social service and a deep enthusiasm for contributing to creating a meaningful society. The ultimate goal is to ensure that the knowledge generated through research doesn't remain confined to academic circles or personal spaces but instead leads to positive changes, advancements, or innovations that enhance people's well-being and quality of life. The Tehkeek International believes in scientific Integration and the real sense of social development and, therefore, human welfare. Though Tehkeek International is the concept and describing it as a scientific social institute working for climate change to poverty may suffice its intentions. Tehkeek International was founded as a Trust and NGO with an acutely calculated & long-drafted methodology. From the overall vocal reviews from the conversations with scientists/scholars/public administration across the globe, Tehkeek International is a new concept and intends social transformation via philosophy, research, and capacity building. The basic infrastructure of Tehkeek International was sponsored by research scholars from different fields via their fellowship money and we therefore believe in the honor of true science and philosophy in today's world as real. We believe that the human brain can't be a misleader by accepting the true nature of science, basic education, and therefore social service. Although scientific NGOs are erratic, we believe that their exodus can't produce a sense of actual service. Tehkeek International has a long-drafted methodology ranging from basic science to deep machine learning, and confining it here can't suffice its goals.

## Message from Founder

We have many times failed to inform about the worst-case scenarios in the past, despite their known possible consequences on our globe and human society in particular. We are reluctant to discuss the much-needed mitigation policies because they are miscellaneous and therefore huge. Further, the gap between scientists and civil society has built a dent in the existent wisdom and the magnificence of science. The gap is further amplified by the non-communication between the scientists, administration, civil society, and the ruling class, and therefore the current picture of the world has become vague. We should focus more on human and scientific integration rather than solving problems with limited science. The integration of sciences and philosophical thoughts is the only solution for a healthier globe and therefore social development. I do believe in those who contemplate the majority of humans as dead or waiting for their turn, who do not carry any purpose for their life. I do not take the words of Albert Einstein otherwise when he says “I was born intelligent but education ruined my life” because I believe that education and knowledge are different melodies. Scientists, Scholars, Civil Servants, and the public should join hands in understanding any problem via systematic integration. The research produced by us is not impactful for society on ground and therefore the demands for solutions are swelling. If our researcher is manipulated, we can’t dream of a better effort, where our future generations will lead. By the existing impact of our Research, we are strewing fatal seeds for our children rather than showing them the actual sense of education, science, and therefore wisdom. Our Schools, training centers, scientific Labs, and libraries have become artificial intellect rather than visionary platforms. The philosophers extended their vision to us and therefore their estimates can be only mitigated by vision via Integrations. During stirring equivocal discussions, one should not forget the words of Benjamin Franklin, “By failing to prepare, you are preparing to fail” nor should we forget Steven Cyros, “Remember when disaster strikes, the time to prepare has passed”. Our discussions should focus on real philosophy and the integration of humankind and therefore social development.

# Centres

## **1. CENTRE FOR PARENT EDUCATION:**

Tehkeek International intends to stand at the forefront of empowering families in Jammu and Kashmir through innovative parent education methods aimed at bridging the communication gap between parents and their children. Recognizing the pivotal role of effective communication in fostering strong family bonds, we have curated specialized programs such as “Bridge the Gap,” “Friends with Kids,” and “Drug Monitor.”

In these enlightening sessions, parents are provided with valuable insights and counseling to navigate the complexities of parent-child relationships. The “Bridge the Gap” program focuses on creating a bridge of understanding between parents and their children, fostering open communication channels. Through “Friends with Kids,” parents gain tools to build a supportive relationship with their children, nurturing a sense of friendship alongside the traditional parent-child dynamic. Understanding the critical importance of addressing issues like mental health disorders, drug addiction, and lack of respect within the family, Tehkeek International has designed the “Drug Monitor” program. This initiative educates parents on recognizing signs of potential challenges and equips them with strategies to prevent or address these issues effectively. Miscommunication is identified as a significant factor contributing to susceptibility and resilience in the face of mental health disorders, drug addictions, and strained familial relationships. By providing a platform for parents in Jammu and Kashmir to engage in open discussions and counseling, Tehkeek International aims to fortify families, creating a foundation of understanding and support.

We extend an open invitation to schools and colleges in the region to host our parent education sessions. Collaborating with educational institutions allows us to reach a broader audience and provide valuable resources to parents seeking guidance in navigating the intricacies of parenthood in the modern world. At Tehkeek International, we firmly believe that empowered parents contribute to the overall well-being of their children and, consequently, the community at large. By fostering stronger connections within families, we aspire to create a more resilient and

harmonious society in Jammu and Kashmir. Join us in our commitment to nurturing healthy family dynamics and building a future where communication and understanding thrive.

## **2. CENTRE FOR GUIDANCE & COUNSELLING:**

Tehkeek International, home to the Centre for Guidance and Counselling, stands as a beacon for students and youth aspiring for excellence in education and global competition. The organization is dedicated to providing unwavering support to individuals, assisting them in navigating the intricate pathways of their academic and professional journeys. The primary focus lies in fostering a holistic development that transcends mere academic achievements and extends to personal growth and societal contribution. At the heart of Tehkeek International's mission is the commitment to guide and counsel students, scholars, and young minds through the challenges and uncertainties that often accompany career choices. The aim is to empower these individuals to make informed decisions, paving the way for a future marked by success and fulfillment. Recognizing the transformative power of education, the organization encourages students to venture into diverse fields such as science, technology, management, philosophy, and more, thereby preparing them to become global contributors.

Tehkeek International firmly believes that an educated populace is not only an asset to individuals but also a catalyst for societal progress. The organization envisions a future where its students, armed with knowledge and skills, play an active role in addressing global challenges and contributing meaningfully to their communities. The emphasis extends beyond academic excellence, embracing values of responsibility, compassion, and a sense of purpose. The Centre for Guidance and Counselling at Tehkeek International employs a multifaceted approach to assist students and scholars. Research, a cornerstone of intellectual growth, is promoted and facilitated, encouraging a culture of inquiry and exploration. Recognizing the prevalence of stress and psychological challenges in the academic journey, the organization places a significant emphasis on stress management. Providing a supportive environment, Tehkeek International engages in discussions, debates, and the establishment of communication platforms to foster a sense of community and shared learning.

Tehkeek International extends an open invitation to those feeling the weight of uncertainty and stress about their future. The organization is committed to offering free guidance and counselling services, ensuring that no individual is left without the support needed to make informed decisions. Whether it's navigating career choices, addressing research challenges, managing stress, or participating in intellectual discussions, Tehkeek International is just a call away, ready to provide the necessary guidance and support for a brighter future. In doing so, the organization contributes to shaping a generation of individuals equipped not only with knowledge but also with a profound sense of purpose and commitment to societal well-being.

### **3. CENTRE FOR SCIENTIFIC SCHOOLING:**

Tehkeek International intends to stand as a trailblazer in educational innovation, recognizing the untapped scientific potential within young minds. Embracing the belief that the foundation of scientific strength lies in children, our organization has meticulously crafted approved courses such as “Cosmology for Kids,” “Basics of Science,” and “Instrumentation” tailored for students from kindergarten to the 10th grade. This strategic approach is driven by our commitment to nurturing scientific efficiency and curiosity in children during their crucial developmental years.

“Cosmology for Kids” represents a pioneering initiative, aiming to introduce complex scientific concepts to students in a manner that is engaging, accessible, and age-appropriate. By providing early exposure to cosmology, we aim to ignite a spark of scientific curiosity, fostering a love for learning that extends beyond conventional subject boundaries. Our approved programs extend beyond cosmology, encompassing foundational courses like “Basics of Science” and “Instrumentation.” These courses are designed to build a strong scientific foundation, instilling in students a fundamental understanding of scientific principles and the practical aspects of instrumentation. By introducing these concepts during the formative years, we aim to cultivate a solid scientific caliber in students, preparing them for the challenges of an increasingly competitive global landscape. At Tehkeek International, we firmly believe that empowering young minds with scientific wisdom is integral to enhancing their overall academic and professional efficiency. The world is becoming more competitive, and our organization recognizes the need to equip children with the knowledge and skills required to excel in diverse scientific fields.

Our commitment to nurturing scientific excellence aligns with our broader mission of fostering holistic development in students. By providing them with a strong scientific foundation, we aim to not only prepare them for academic success but also instill a lifelong passion for inquiry and discovery. Through “Cosmology for Kids,” “Basics of Science,” and “Instrumentation,” Tehkeek International is dedicated to shaping a generation of scientifically literate and curious individuals who will contribute meaningfully to the scientific advancements of the future. Join us in this transformative journey as we inspire and empower young minds to unlock their full scientific potential.

#### **4. CENTRE FOR CLIMATE CHANGE AND NATURAL HAZARDS:**

Tehkeek International is unwavering in its acknowledgment of the tangible impacts of climate change in the region of Jammu and Kashmir. Embracing a philosophy that aligns with nature rather than opposing it, we are dedicated to addressing the current risks, vulnerabilities, and climatic hazards prevalent in Jammu and Kashmir. Our commitment extends to utilizing our research capabilities to partially comprehend the hydrological scenarios of the region, investigating the cries and consequences associated with climate change. Our research initiatives span diverse domains, including remote sensing, Geographic Information Systems (GIS), geology, geophysics, and climate change. This multidisciplinary approach allows us to comprehensively understand the vulnerabilities, risks, and climatic events affecting Jammu and Kashmir. Through rigorous scientific research, we strive to contribute to the collective knowledge base surrounding climate change impacts on the region. In addition to our scientific endeavors, Tehkeek International is deeply engaged in community outreach and awareness initiatives. Recognizing that climate change awareness is crucial for informed decision-making, we actively communicate with local communities to share insights about climate change and highlight our collective responsibilities as citizens. By fostering awareness, we aim to mobilize individuals to be proactive stewards of their environment.

We welcome collaboration from independent researchers, assistant professors, scholars, and students interested in joining us for research initiatives or seeking guidance. Furthermore, our outreach extends to schools, municipal councils, colleges, local communities, trusts, and local NGOs, encouraging them to reach out for collaborative fieldwork. By fostering partnerships and facilitating collaboration, Tehkeek International aims to create a collective front against the

challenges posed by climate change, working towards sustainable solutions for Jammu and Kashmir.

### **5. CENTRE FOR SKILL DEVELOPMENT:**

Tehkeek International intends to stand as a beacon of empowerment in the picturesque region of Jammu and Kashmir, dedicated to the holistic development of its youth. Our vision goes beyond traditional education, aiming to cultivate a diverse set of skills that encompass both educational and non-educational realms. This multifaceted approach is designed to tap into the immense potential and latent talents that reside within the vibrant youth of Jammu and Kashmir. We recognize that education goes beyond textbooks and classrooms. With this understanding, Tehkeek International is committed to fostering a wide spectrum of skills among the youth, ensuring they are equipped not only with academic knowledge but also with practical abilities that span various domains. From software and hardware training to indulging in the realms of gaming, trekking, tailoring, and intricate carvings, our diverse skill development programs cater to a myriad of interests. In the field of technology, our software and hardware training initiatives aim to provide the youth with cutting-edge skills, preparing them for the challenges of the digital era. Simultaneously, our focus on recreational pursuits such as gaming and trekking encourages a balance between mental and physical well-being, promoting a healthy lifestyle and fostering a spirit of adventure.

Beyond the digital sphere, we delve into the rich cultural heritage of Jammu and Kashmir by offering skill development in traditional crafts like tailoring and intricate carvings. This not only preserves and promotes the region's artistic traditions but also provides valuable opportunities for economic empowerment through skill-based livelihoods. The essence of Tehkeek International lies in recognizing and nurturing the potential susceptibility inherent in the youth of Jammu and Kashmir. By providing a platform for skill enhancement, we aim to empower the youth to take charge of their futures, contribute meaningfully to their communities, and bridge the gap between tradition and modernity. Through a thoughtful blend of educational and non-educational skills, Tehkeek International seeks to create a well-rounded generation capable of facing the challenges of the 21st century. We invite the youth of Jammu and Kashmir to join us on this transformative journey, unlocking their true potential and contributing to the overall progress and prosperity of the region.



## **6. CENTRE FOR WHITE VILLAGES:**

White Village, a highly anticipated project by Tehkeek International, stands as a visionary initiative focused on nurturing responsible and enlightened communities. The name reflects a commitment to cultivating “white brains,” symbolizing the purity of responsible human intellect rather than emphasizing physical infrastructure. This groundbreaking project prioritizes the development of village-level community minds to enhance their vision, capabilities, and overall social progress. The project encompasses a multifaceted approach, with initiatives ranging from reforming school education, raising parent awareness, conducting school research, and promoting agricultural awareness to addressing aspects such as soil and water management, financial stability, better health, self-employment, kindergarten education, youth monitoring and support, and collaboration with government institutions. These initiatives aim to create efficient and empowered villages by fostering an environment of adoption and adaptation among the villagers.

The methodology integrates education, science, and human integrity, emphasizing a holistic approach to community development. White Village represents a concept of establishing reference villages that will serve as real-time global models in the future. The collaboration of scientists, scholars, civil servants, and the general public will be integral, working collectively to generate ideas, implement effective management strategies, and address challenges and opportunities related to mitigation policies for the adopted village or community. Notably, the project will not be presented proactively but will be rolled out upon request, ensuring a tailored and responsive implementation. White Village epitomizes Tehkeek International’s commitment to fostering sustainable development, promoting responsible citizenship, and creating resilient communities for the future.

## **7. CENTRE FOR SUSTAINABLE TOURISM:**

Tehkeek International is intended to advocate for sustainable tourism, emphasizing practices that not only contribute to economic growth but also foster meaningful connections between local villagers and tourists. Our approach includes initiatives such as tourist reviews, promoting local stays, conducting hotel management trainings, and organizing mountain

explorations. This sustainable tourism model not only bolsters the region's economy but also establishes a symbiotic relationship between the local community and visitors.

By encouraging interactions between villagers and city people, Tehkeek International envisions a mutually beneficial relationship that creates opportunities for the youth of Kashmir in both education and business. Sustainable tourism, rooted in community engagement, has the potential to uplift local economies and provide avenues for educational and entrepreneurial growth.

Tehkeek International has already taken strides in scientific tourism through conducted programs, aligning with our commitment to fostering responsible and scientific exploration of the region. Through these initiatives, we strive to showcase the unique cultural and natural heritage of Kashmir while promoting sustainable practices that benefit both the local community and visitors.

## **Research Collaboration Desk:**

The Tehkeek International is intended for collaborations on the following specializations with scholars, academicians, entrepreneurs and independent researchers:

### **1. Skill Education and Research:**

Tehkeek International is highly intended to promote skill education and research skills among students, scholars and parent education. Various teaching and short-term training courses for lower primary schooling, upper primary schooling and high schooling like Basics of Cosmology for lower primary schooling, Basics of Science, Science in practice, communication skills etc., are already in progress and have widely opened doors for many. The Research skills are given to the researchers by giving them training from time to time like Understanding Research Methods, Fieldwork skills, communications etc. The Skill program intended by Tehkeek International is immense in finding the crisis, consequences and mitigation policies to bridge the gap between masses via education and scientific practices.

### **2. Employment Generation**

Tehkeek International is an Academic Education & Research Institute, which intends to bring social transformation and welfare via integrated Research methods. The Tehkeek International aims to integrate the Research brains/Philosophers for every solution and, therefore,

to generate better orientations and evident models. Tehkeek International considers every education as science and believes that an integrated approach towards any problem is the only option for the change. However, Tehkeek International has framed an acutely calculated methodology related to self-employment programs in context with the employment generation. Tehkeek International firmly believes that self-employment is the backbone of a transformation nation where human anxieties act as the force for nation weakening. The nation-building policies, urban and rural development, smart cities, White villages have remained the dominant focus of Tehkeek International and, therefore, social development. By a scientifically mechanized framework, the human energy stored in young students/scholars/scientists will directly result in the transformation, which otherwise accumulates as negative energy. Tehkeek International is a new concept, and therefore, new methods are obedient; however, the policies based on integrations of neural networking and other sciences remain firmly in the mechanical behavior of Tehkeek International. The foundation of Guidance & Counseling units, Research Labs, Scientific schools, White Villages, Smart Cities, Tourist Huts, Paying Guest rooms/hotels, Think-tank labs, Basic school labs, Networking centres with proper scientific guidance is much-needed activity, and therefore the way towards human transformation.

### **3. Philosophy for All**

Tehkeek International has initiated the project Philosophy for All or in other terms “Ph.D. FOR ALL (PFA)”. The goal of the project is to provide hope for eligible aspirants, and therefore, the dream about their doctoral degrees irrespective of any age or specializations. The trust has framed the convenient methodology for guidance and counselling, advisory, and meaningful assistance based on the fellow’s degree. The methods are being framed to evaluate the legal registrations of institutions that endorse education via “part-time” approaches like Indira Gandhi National Open University (IGNOU) and others, and therefore the appropriate guidance and counselling. We agree that hundreds of thousands dream about their doctoral degrees; however, their wishes have fallen due to their financial/family background or lack of advisory. The Tehkeek international believes that the degree is not the only eligibility to become a philosopher, therefore human capability plays equally. The board of directors in consultation with the advisory board, Senate/decision-making board, and Volunteer board have agreed to work together for the prosperity of social reforms via academic education and research policies. Due to the adequate nature of the project (Ph.D. FOR ALL), the complete description cannot be labelled within the

notice, therefore the willing philosophers/fellows will be advised to reach us via any communication or +UTC 5:30 in case of physical visits. The Tehkeek International community is a diversified platform for social reforms via education and research values. We will try our best and support your wishes for holding a doctoral degree. We will always be here for you.

#### **4. White Village**

White Village is one of the projects anticipated by Tehkeek international. The project aims to build smart communities in every district of Jammu and Kashmir in its first phase. The work is designed to work on village-level community brains and to enhance their vision, capabilities, and therefore social development. The projects like reform in school education, Parent awareness, School research, agricultural awareness, Soil and Water Management, Financial stability, better health, etc. are being discussed and carried out for its first phase. The work will be accomplished via the integration of education, science, and human integrity. The white village is a concept of having reference villages/communities which will serve as real-time social development policies. The scientists, scholars, civil servants, and general public are working together from time to time in bringing up the ideas, management, and all other consequences and opportunities via a vis mitigation policies for the adopted village/community. Regarding the implementation of the white village, we have adopted one village entitled “WV01” for executing our methods, policies, and therefore village-level development via integrated approaches.

#### **5. Global Citizenship:**

The project aims to build a bridge between continents via research, social welfare, meetings, collaborations, tours, etc. The project is intended to be taken by the collaborations between Tehkeek International in collaboration with the Scientists/Scholars/Individuals across the globe. The project aims to reform a mindset of local citizenship and address the living as the citizen of earth.

#### **6. Reform in School Education.**

The project entitled “Reform in School Education” is intended to work at the school level by visiting schools, giving advisory, and providing free counselling and funds to capable students. The interactions and advisories will be particular to the staff of the school and therefore assistance. The goal of the project is to deliver a framework based on education and scientific quality and

therefore improvement. The project is intended to send the intellect professions to visit, talk, and advice based on the research produced by Tehkeek International itself.

#### **7. Better Research.**

The project better research is taken by the collaboration of Tehkeek International and extended network. The collaborations are intended to be taken with acutely monitored researchers/institutions/etc. to sense genuine research, its importance, and the way forward. The project will be achieved by many means including project works, research guidance, scientific schooling, social and scientific research, scientific environment, etc.

#### **8. The philosophy and doctorate.**

The project “The philosophy and doctorate” aims to aware of the difference between a doctorate degree and philosophy and is intended to yield philosophers from scientific communities. The project is jointly taken by Tehkeek International with extended collaborations and intends to organize the awareness workshops among research scholars/individuals under the theme “put the philosophy back into doctorate”.

#### **9. Better Health.**

The project is intended to work at various levels with health professionals including, free counselling, medical camps, and health advisories, stress management, etc. However, Tehkeek International firmly promotes Homeopathy/Ayurveda ahead of Allopathic drug systems. Tehkeek International has acutely framed the methodology to enhance the herbal sciences and medicinal herbs in particular on a diversified scale. The project is intended to collaborate with the farmers, landlords, institutions, scientists, researchers, chemical companies and chemists, etc. for better health.

#### **10. Water and Future Crisis.**

The project is taken by Tehkeek International in friendship with universities, consultancies, and others across the globe. The first stage of the project is particularly working on the hydrology and future consequences for Jammu and Kashmir and Kashmir Himalaya in particular. The project is intended to incorporate the major contributors like global warming, surface and subsurface waters for evaluation, mitigation, and policymaking.

### **11. The digital Globe.**

The project “the digital globe” is a sister project of global citizenship to empower reforms in every sector by intellectual minds from computer sciences, remote sensing and GIS, Deep learning, and networking. The project is intended to be the collaborative research taken by Tehkeek International and desired extended networks across the globe. The project will empower the importance of computer sciences in making a better future for the citizens of the world and the Tehkeek community in particular.

### **12. Environment and Humans.**

The project intends to explore the opportunities to save the earth under the theme of “Save the earth”. The collaborative approach will include all the diversified institutions and work under the framework of various environmental issues including waste management, environmental pollutions and the role of humans, and Natural Disasters.

### **13. The physical and chemical coordination.**

The physical and chemical behaviour of matter is believed to produce many findings by mixing physical and chemical laws. The project is expected to empower the importance of integrated methods of physical and chemical sciences by providing opportunities for better scientific understanding and energy exploration. Future energy is always in the minds of policymakers and therefore consequences. The project is intended to produce a way forward for a better understanding of the future as well as the mechanics of the universe based on concepts like gravity, magnetism, and Nanotechnology.

### **14. Resistant Infrastructure:**

The project “Resistant Infrastructure” is taken by the collaboration of Tehkeek International and the desired extended network across the globe. The project aims to build resistant infrastructure according to nature and not against nature. The project is intended to be coordinated by engineers and earth scientists to evaluate the consequences, risks, and therefore mitigation policies. The project in its first phase emphasizes seismologists, statisticians, geologists, geographers, and civil engineers for the risk-based design decisions and policies in Kashmir Valley.

### 15. Integration of Sciences.

Integration of Sciences is a project started by the founder of Tehkeek International aimed to demand the answer of why not integration from every science instead of a possible and convenient way. The long-term project will include all the possible methods from various scientific, non-scientific, and engineering branches. The integration of scientific and engineering approaches will frame concentrated methodologies according to the nature of the study. The project will take collaborations from individuals, institutions, and civil societies and is expected to include diversified sections of students, scholars, scientists, and government servants. The “Integration of Sciences” project is not limited; therefore its methodologies will vary from time to time based on the framework produced by capable scientists across the globe.

#### People in Tehkeek International

S.No.	Name	Current Position	Research Specialization
01.	<b>Dr. (Er) Ayaz Mohmood Dar</b>	Independent Researcher,	Gravity and Magnetics, Hyperspectral Remote Sensing and GIS, Crustal Modeling and Mathematical Inversions, Statistical Seismology, Hydrological Modeling
02.	<b>Dr. (Er) Jasir Mushtaq Kaloo</b>	Lecturer, GCET Safapora	Solid Waste Management, Water Quality, Wastewater, Climate Change, Geographical Information Systems.
03.	<b>Er. Iftikhar Hussain Beigh</b>	Senior Research Fellow, National Institute of Technology, Srinagar	Engineering Geology, Landslides, Remote sensing and GIS, Groundwater Hydrology

04.	<b>Er. Mohmad Ashraf Ganaie</b>	Senior Research Fellow, National Institute of Technology, Srinagar	Earth Science, Remote Sensing and GIS, Glaciology, Water resources, Disaster Management, Geo-informatics
05.	<b>Er. Dar Sarvat Gull</b>	Assistant Engineer (AE), J&K Govt.  Senior Research Fellow, National Institute of Technology, Srinagar	Surface Water Hydrology, Hydrological Modelling, River Sediment Analysis, Uncertainty Analysis, Watershed Management
06.	<b>Dr. Mohd Yousuf Rather</b>	Lecturer Environmental Science, Govt. College for Women, Udhampur, Jammu and Kashmir	Environmental Sciences, Plant nanotechnology, ecology and environment
07.	<b>Dr. Munmun Chakarvorty</b>	Researcher	Geochemistry, remote sensing, magnetic susceptibility
08.	<b>Er. Khendra Alok Ranjan</b>	Software Engineer	Cloud computing
09.	<b>Dr. Maqbool Yousuf</b>	Engineering Geologist, ALTINOK ENGINEERING TURKEY-INDIA	Tunneling, Engineering Geology and Seismology
10.	<b>Dr. Nadeem Gulzar Shahmiri</b>	Assistant professor. Govt. college of Engineering and Technology, Safapora.	Material science, concrete technology, steel structures, wooden structures, structural joints, water treatment.
11.	<b>Er. Hilal Ahmad Malla</b>	Assistant Engineer (AE), J&K Govt.	Structural Engineering, Steel Truss Girder Bridge Construction Engineering
12.	<b>Dr. Irfan Ahmad Wani</b>	Lecturer Psychology	Drug addiction and holistic therapies



13.	<b>Dr. Vazeem Iqbal</b>	National Disaster Management Authority (NDMA), New Delhi	Hydrology, Geophysics and Disaster Management
14.	<b>Adv. Sabiya Mirza</b>	Advocate. High court of J&K Srinagar	Law sciences
15.	<b>Dr. Faheem Sadiq Bhat</b>	Researcher	Pavement materials and design, Nanotechnology
16.	<b>Dr. Aamer Majid Bhat</b>	Researcher	Hrdrological engineering
17.	<b>Dr. Zahid Farooq</b>	Researcher	Renewable energy integration, Soft computing techniques, Power system dynamics and control
18.	<b>Ms. Auseema Rashid</b>	Consultant	Biochemistry, Education
19.	<b>Dr. Sheikh Safiullah</b>	Researcher, National Institute of Technology, Srinagar	Power system operation and control, optimization processes, soft computing, load frequency control
20.	<b>Dr. Mifta ul Shafiq</b>	Assistant Professor. Department of Geography, GDC Bijbehara Anantnag	Climate Science, Glaciology, Climatic and Hydrological Modelling, Remote Sensing & GIS techniques, LULC Modeling, Social and Economic impacts of Physical Changes, Geomorphology.

21.	<b>Er. Tahir Ahmad Dar</b>	Senior Research Scholar National Institute of Technology, Srinagar	Solar cells, storage devices
22.	<b>Dr. Tabasum Rasool</b>	Researcher, National Institute of Technology, Srinagar	Hydrology, Hydro-Geology
23.	<b>Er. Rufaidah Shah</b>	Senior Research Fellow National Institute of Technology, Srinagar	Soil mechanics, Geotechnical Engineering
24.	<b>Mr. Wasiq Ahmad Shah</b>	Consulting Manager Ganderbal	Computer sciences
25.	<b>Er. Aanisa Gani</b>	Senior Research Fellow National Institute of Technology, Srinagar	Geotechnical Engineering- Ground Improvement Techniques
26.	<b>Dr. Syed Mohsin</b>	Engineer, National Institute of Technology, Srinagar	Environmental Engineering, Hydrology
27.	<b>Er. Sabreena Mohammad</b>	Senior Research Fellow National Institute of Technology, Srinagar	Geotechnical Engineering- Ground Improvement Techniques
28.	<b>Ds. Asiya Ramzan</b>	Senior Research Fellow University of Kashmir	Microbiology Phytochemistry and stress physiology
29.	<b>Ms. Syeeda Akhter</b>	Hr trainee Lala Constructions	Business Administration
30.	<b>Dr. Gulam Rasool Bhat</b>	Assistant Professor Disaster Management, Pondicherry University	Seismology, Geomorphology, Tsunami, Geodesy

31.	<b>Dr. Ishtiyaq Ahmad Rather</b>	Assistant Engineer (Civil), Roads and Buildings Department, Jammu and Kashmir	Modelling , Remote sensing and GIS, water Resource Engineering , Tunnelling, Civil and Electric works , Slope stabilisation
32.	<b>Dr. Ahsan Afzal Wani</b>	Assistant Professor, Department of Earth Sciences, University of Kashmir	Geology, Seismology, Geophysics(GPS Geodesy &GPR), Tectono-geomorphology
33.	<b>Es. Syeedah Raazia</b>	Senior Research Fellow National Institute of Technology, Srinagar	Hydrology, Hydro-Geology
34.	<b>Dr. Abaas Ahmad Mir</b>	Post-doctoral Fellow Department of Geography, University of Kashmir	Geography, Land use Land cover, Hydrological Modelling
35.	<b>Dr. Irfan Maqbool Bhat</b>	CSIR-Research Associate University of Kashmir	Geochemistry, Geotectonics, Geomorphology,
36.	<b>Dr. Khalid Omar Murtaza</b>	Assistant Professor, Department of Geo- informatics, University of Kashmir	Remote Sensing of Glaciers, Glacial- geomorphology
37.	<b>Ms. Mehjabeen wali</b>	Senior Research Fellow Glocal University	Plant Biotechnology, Medicinal Plants
38.	<b>Dr. Mohammad Saleem</b>	Regional Geologist Geology and Mining Department, Kashmir Division	Hydrology, Mining, Groundwater

39.	<b>Er. Ishfaq Mohi ud Din</b>	Senior Research Fellow National Institute of Technology, Srinagar	Pavement engineering, Traffic planning, sustainable pavement design
40.	<b>Er. Nadeem Gul</b>	Senior Research Fellow National Institute of Technology, Srinagar	Soil Mechanics, Reinforced Earth
41.	<b>Er. Mohammad Aasif Khaja</b>	Senior Research Fellow National Institute of Technology, Srinagar	Hydrology, Hydrogeology, Watershed Management
42.	<b>Er. Asrar Ul Haque</b>	Project Manager, 173, Upper Ashpeer Sopore	Computer sciences, website designing
43.	<b>Dr. Mudasir Akbar shah</b>	Assistant Professor, Chemical Engineering Department	Renewable energy
44.	<b>Dr. Imtiyaz Ahmad</b>	Assistant Professor, Higher Education Department, J&K	Analytical linguistics, literature, philosophy, theology
45.	<b>Mr. Bilal Ahmad Kumar</b>	Centre Manager Himayat/DDU-GKY	Dark Tourism in Jammu and Kashmir
46.	<b>Dr. Sheikh Shubeena</b>	Senior Research fellow, SKUAST Kashmir.	Veterinary and Animal husbandry extension.
47.	<b>Dr. Wajahat Annayat</b>	Lecturer, GCET	Water Resources
48.	<b>Mr. Asim Bashir Khajwal</b>	Disaster Exposure Modeler, Moody's RMS, California, USA	Artificial Intelligence, Bayesian statistics

49.	<b>Dr. Mohd Aadil Bhat</b>	Researcher, China	Geochemistry, Hydrology, Biogeochemical Cycles, Isotope geochemistry.
50.	<b>Dr. Showkat Ahmad Busru</b>	Assistant Professor (NMIMS)	Accounting, Personal Finance, Corporate Finance, Corporate Governance and Investment Analysis
51.	<b>Er. Roouf Un Nabi Dar</b>	Researcher, IIT Madras	Structural Engineering
52.	<b>Er. Imtiaz Ahmed</b>	Researcher, NIT Srinagar	Machine learning, Deep learning
53.	<b>Dr. Showkat Ali Ganie</b>	Postdoc, Southwest University China	Chemistry (Organic), Polysaccharide based Biomaterials
54.	<b>Er. Asif Jeelani Bhat</b>	Researcher, IIT Madras	Underground space technology, tunneling , FEM
55.	<b>Dr. Muzaffar Ahmad Rather</b>	Lecturer HED JK	British Poetry, Kashmiri Poetry, Theory
56.	<b>Dr. Mohd Arif Dar</b>	Lecturer HED JK	Energy storage devices especially Supercapacitor electrodes
57.	<b>Dr. Sajad Ahmad Rather</b>	Researcher at Pondicherry University	Nature Inspired Computation, Evolutionary Computation, Image Processing, Neural Networks,
58.	<b>Dr. Nazia Kowser</b>	Lecturer HED JK	Geology, geochemistry, sedimentology
59.	<b>Dr. Muneer Nabi</b>	Teaching Assistant Govt. Degree College	Mathematics (Algebra)

60.	<b>Dr. Nazim Qayoom Rather</b>	Lecturer HED JK	Socio-Philosophical and Religious areas
61.	<b>Dr. Mehraj Udin Ganaie</b>	General Manager at Apex Motors	Human Resource Management and Marketing
62.	<b>Dr. Sheikh Inam ul Mansoor</b>	Assistant Professor of Law, Presidency University	International Trade Law
63.	<b>Dr. Shahnawaz Ahmad Wani</b>	Post-Doctoral Fellow, Regional Research Institute of Unani Medicine	Biochemistry, Vascular Biology.
64.	<b>Dr. Sohail Rasool Lone</b>	Post-Doctoral Research Fellow with Engineers for Sustainable Energy Solutions (ESES), USA	Waste to Energy, Waste Plastic, Sustainability
65.	<b>Dr. Shah Rafiq</b>	Researcher	Plant Tissue Culture, Genetics diversity, Phytochemistry, Pharmacological activities, Taxonomic Diversity, Phenology, Phenotypic Variability
66.	<b>Dr. Naveed Ahmad Lone</b>	Assistant Professor Economics, (Cluster University )Srinagar	Macroeconomics, Rural Development, Financial Inclusion
67.	<b>Dr. sameena</b>	Researcher	Entomology, insect pest management, Phytochemistry
68.	<b>Dr. Parvaiz Ahmad Rather</b>	Lecturer HED JK	Environmental chemistry (air quality monitoring & water quality monitoring), Environmental awareness

69.	<b>Er. Shahid Sultan</b>	Senior Research Scholar National Institute of Technology Srinagar	Internet of things, fog computing, resource optimization
70.	<b>Ms. Thokar Subiaya Bashir</b>	Jr. Consultant, Directorate of Census Operations J&K	GIS, Remote sensing, Landslide Susceptibility Modeling, LULC
71.	<b>Dr. Nusrat Rashid</b>	Teacher/Trainer , Department of School Education	Management studies, HR, General Management
72.	<b>MS. Bintul Islam</b>	Writer	Comparative Literature, Poetry
73.	<b>Dr. Rezwan UI Shaban</b>	Assistant professor (GCET Kashmir)	Graph theory
74.	<b>Dr. Faisal Ali</b>	Scientist-B, Department of Endocrinology, SKIMS	Health and Diseases, Stress Biology and Neurodegeneration.
75.	<b>Dr. Shahid Amin</b>	Associate Professor , ITM University Gwalior	Marketing
76.	<b>Dr. Yusra Bandy</b>	National Postdoctoral Fellow, IIT Jammu	mmWave 5G Communication, Reconfigurable Intelligent Surfaces and Machine Learning, Cellular Communication
77.	<b>DR. ABDUL HASEEB GANIE</b>	Post-doctoral Fellow, NIT Warangal	Fuzzy Information Theory, Fuzzy Decision-making, Uncertainty Quantification, Fuzzy Graph Theory, Applications of Fuzzy set theory
78.	<b>Dr. Aadil</b>	Assistant Professor, HED	Restoration ecology, biodiversity conservation, environmental education, alpine treeline ecotone vegetation, alpine soil ecology

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79.	<b>Dr. Peer Muzamil Zahoor</b>	Consultant physician	General physician HOMOEOPATHY
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### Young Volunteers:

S.No	Name	Residence	Contact Details
01.	<b>Mr. Ovais Ashiq</b>	Mundji Zaingair Baramulla	Email:ovaisashiq91@gmail.com Cell:+917006329595
02	<b>Ms. Aamina Farooq</b>	Pampore, pulwama	Email:Aaminabhat9596@gmail.com Cell:
03	<b>Mr. Showkat Ahamad Matahanji</b>	Kanibathi Bandipora	Email:showkatmatt19@gmail.com Cell:+917006630850

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### Gallery/Events:



MoU and Research Interaction



Values of Education and Research Abroad







Empowerment of Homeopathy Medicine



Empowerment of Tourism



Field Surveys with students

